

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.



AGRICULTURAL LIBRARIES INFORMATION NOTES

National
Agricultural
Library

U.S. Department of
Agriculture
Beltsville, Md. 20705

ISSN: 0095-2699

Volume 8, Number 9
September 1982

COOPERATIVE MICROFILMING OF LAND-GRANT AGRICULTURAL PUBLICATIONS: A STATUS REPORT, 1982

The National Agricultural Library (NAL) implemented in 1974 a program to film the documents, bulletins, circulars, reports and other land-grant documents upon the recommendation of a users and librarians advisory group (*ALIN* 3(12) Dec. 1977). The primary purposes of this project then and now are:

1. Provide an archival film record of agricultural and forestry activities at the land-grant and cooperating forestry institutions before some of the rapidly deteriorating paper becomes too fragile to handle.
2. Provide for the retirement of bulky sets of files for the older and much less used materials. With many libraries facing space shortages, this has proven valuable for the discarding of any state's old publications and the substitution of film.
3. Provide wider access to this material so requestors of documents and institutions wishing more complete serial runs can obtain them.

The NAL launched this cooperative program and batches its funds with land-grants to microfilm these documents. The documents of 33 states have been filmed. Since 1974, a total of 1,334,560 frames have been microfilmed at a cost of \$243,622.

The land-grant agricultural and cooperating forestry institutional publications of the following states are now available on microfilm or microfiche:

Alabama	Maine	Oklahoma
Arizona	Massachusetts	Rhode Island
California	Minnesota	South Carolina
Colorado	Mississippi	South Dakota
Connecticut	Montana	Tennessee
Florida	Nebraska	Texas
Georgia	Nevada	Utah
Illinois	New Hampshire	Vermont
Kansas	New Mexico	Virginia
Kentucky	North Carolina	Washington
Louisiana	North Dakota	Wisconsin

All microfilm duplicates are produced on silver halide microfilm and processed to current archival quality parameter as described in ANSI PH 4.8-1978.

The California land-grant agricultural publications of the three University of California campuses are available in 35mm and 16mm from Western Microfilming, 543 Howard Street, San Francisco, CA 94015.

Utah State University documents were filmed entirely on microfiche. They are available from the Utah State Archives in 2,100 microfiche which is available at approximately 40¢ per fiche with variant prices on serial titles or pieces. Firm figures should be obtained from the Archives, State Capitol Building, Salt Lake City, UT 84114. The Utah material is not available on 16mm or 35mm film.

Arizona, Louisiana, Nevada, New Mexico, Oklahoma, and Texas publications were filmed as a regional group by Bell & Howell. For price information and a bill listing of titles contact: Micro-Photo Division, Bell & Howell, Old Mansfield Road, Wooster, OH 44691.

All other microfilm and price information is available from Graphic Microfilm Division, Spaulding Company, Inc., 80 Howes Way, Stoughton, MA 02072 (617-828-8090).

An agreement was signed in 1981 with the Universities of Delaware and Maryland, Cornell and Rutgers Universities, and with Pennsylvania State University for the cooperative microfilming of their agricultural documents which is now underway. Pennsylvania State is the regional coordinating institution for this group of Mid-Atlantic states. This effort will record an estimated 635,000 pages from these five states in late 1983. Graphics Microfilm is the contractor.

This microfilm collection is not only a valuable tool for the researcher concerned with specific decades or trends, regional matters, and agricultural experiments and developments, but it also contains details which make it a practical reference tool for the farmer in his daily tasks, his family, and every lay person both young and old in his day-to-day life.

Please contact Wallace C. Olsen, Chief, Field and Special Programs, National Agricultural Library, U.S. Department of Agriculture, Beltsville, MD 20705 (301-344-3834) for further information.



ASSOCIATES OF NAL ESTABLISH FUND FOR ACQUISITION OF RARE OR SPECIAL WORKS

At the annual meeting on July 23, 1982, The Associates of the National Agricultural Library voted to establish a fund for the acquisition of rare and special collections of the National Agricultural Library. For many years the Library has found that acquisitions funding was not available for very expensive works which could enhance the research value of existing collections. Desired works of historical, scientific, and often artistic value, which are scarce or rare, command higher prices. Frequently, new publications are also high priced because of unusual characteristics of the publications or of the processes used in producing them. It is the objective of the Associates to raise funds to acquire such works for the Library.

On July 23 The Associates also authorized the establishment of a fund-raising committee and charged the committee as its first project to raise funds to acquire the *Banks' Florilegium*. This work will eventually cost approximately \$100,000, and is being published for the first time in 34 parts over seven-year period from 1981 to 1987. It is the goal of the committee to raise enough funds to acquire the eight parts already published as soon as possible, and to guarantee a subscription to the remaining twenty-six parts. The committee also seeks to establish an additional reserve of funds which can be utilized for acquisition of other works as they are recommended and found worthy of Associates' sponsorship.

Persons who wish to participate in this fund-raising endeavor or contribute to the Acquisitions Fund should contact Joseph N. Swab, Acting Chairman, Associates NAL Fund-Raising Committee, Room 301A, National Agricultural Library, Beltsville, MD 20705.



BANKS' FLORILEGIUM

After two centuries of near inaccessibility a collection of famous masterpieces in the art of botanical illustration and the record of an equally famous plant exploration voyage is being published complete for the first time.

The *Banks' Florilegium*, published by Alec Historical Editions in association with the British Museum, Natural History Department, consists of 738 plates of botanical engravings recording the plants collected by Joseph Banks and Daniel Carl Solander on Captain James Cook's first voyage around the world, 1768-1771.

The young Joseph Banks, Esq., a wealthy Fellow of the Royal Society, conceived, funded, staffed, and participated in all aspects of the botanical expedition. The artist of the expedition was Sydney Parkinson, whose method was to make field sketches of the plants being collected in pencil with enough color and notes to do a complete watercolor later. He completed 280 of the 900 intended drawings before he died of fever at Batavia on the return voyage. Using Parkinson's notes, detailed pencil and watercolor sketches, and the specimens collected, five other artists were able to complete the work under the supervision of Banks and Solander; they were Thomas Burgis, John Cleveley, John Frederick Miller, James Miller, and Frederick Polydore Nodder.

From 1771-1784 Banks funded and supervised the engraving of at least 743 copperplates from the completed watercolors. The principal engravers were Daniel MacKenzie, G. Sibelius, and Gabriel Smith, who produced three quarters of these fine engravings. The remainder were created by fifteen other engravers.

Originally, about three sets of black ink impressions were made from the plates, and Banks sent proofs of some plates to other botanists. A few selected plates were used either directly or by photolithography to produce three limited edition works in black ink prior to the present work.





AGRICOLA

AGRICOLA USERS' GROUP

An organizational meeting of the AGRICOLA Users' Group was held at the American Library Association Conference in Philadelphia, July 13. This was the first meeting held under the sponsorship of the Associates of NAL, Inc.

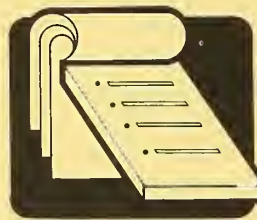
Charles Gilreath, Texas A&M University, was elected interim chairman and Harry Dewey, Vice-President of the Associates NAL, Inc. and a member of its Board of Directors, was elected interim secretary.

Charles Gilreath selected members for a nominating committee and a committee to draft a charter for the Group. Program planning activities will also be underway for future meetings.

Wallace C. Olsen was introduced and spoke on the topic "AGRICOLA Adjunct Files." He also requested input concerning the one day meeting dedicated to discussion of the Cooperative Library System which will be part of the Associates' October symposium to be held at the National 4-H Center in Chevy Chase, MD. A lively discussion of the idea of a single umbrella adjunct file into which various specialized files could appear followed. Olsen distributed a descriptive list of potential adjunct sub files.

Vincent Aitro, of the U.S. Forest Service, suggested that the Users' Group might have a Policy Committee to consider other such files especially the many specialized files developed by faculty and researchers at the land-grant schools.

A mailing list is currently being put together of people interested in the User Groups' activities. If you would like to have your name added, please contact Charles Gilreath, Texas A&M University, College Station, TX 77843 or Harry Dewey, Room 1404, National Agricultural Library, 10301 Baltimore Blvd., Beltsville, MD 20705.



NEW SERIALS RECEIVED AT NAL

Diversity. Fort Collins, CO, Laboratory for Information Science in Agriculture. q. Vol. 1, no. 1, Spring 1982- SB123.3.D5

Documentos DDT. Brasilia, EMBRAPA, Departamento de Difusao de Tecnologia and Centro Nacional de Pesquisa de Soja. irr. No. 1, April 1980- S542.B7D68

Iuso: Journal of Science and Technology. Zomba, Malawi, University of Malawi, School of Science. semi-a. Vol. 1, no. 1, 1980- Q180.A5M3

Problems of Desert Development. New York, Allerton Press. Six issues yearly. No. 1, 1980- QK938.D4P73

Tea. Kenya, Tea Board of Kenya. Two issues yearly. Vol. 1, no. 1, July 1980- SB272.K4T42





AGRICULTURAL TRANSLATIONS

This column is an alert to selected new receipts at NAL. They are available thru loan request (AD-245) to USDA personnel. Paid photoduplication to non-USDA persons is available (\$2/10 pages or fraction thereof per citation) Trans. No. and citation MUST be on request. Send to:

Utilization Section
National Agricultural Library
U.S. Dept. of Agriculture
Beltsville, MD 20705

Kitani, C. An Analytical Study of Soil Stress Distribution in Furrow Slice by Means of Finite Element Method. Translated from Japanese: *Journal of Society of Agricultural Machinery, Japan*, vol. 37, no. 2(133): 187-192, Sept. 1975. Trans. No. 28016. TT 79-53247.

Lignieres, R. Observations on the Appearance of Some Outbreaks of Contagious Equine Metritis in France. Translated from French: *Bull. Acad. Vet. Fr.*, vol. 53(2): 323-332, 1980. Trans. No. 27918. TT 81-59125.

Movanu, Mircea. The Veterinary Sanitary Situation and Prophylactic Methods Applied in Rumania. Translated from French: *Bull. Off. Int. Epizoot.*, vol. 88: 373-379, 1977. Trans. No. 28058. TT 80-58281.

Olmi, M., et al. Observations of *Dioryctria Sylvestrella* in North Italy Pests of *Pinus Strobus* and *Pinus Excelsa*. Translated from Italian: *Ital. Agric.*, vol. 114(3): 103-110, 1977. Trans. No. 28011. TT 80-53081.

Poliakov, A.A., et al. Soil Disinfection of Exercise Yards. Translated from Russian: *Veterinaryia*, vol. 50(3): 46-48, 1977. Trans. No. 28029. TT 79-53127/24.

Samilenko, A.Ya. Determination of the Amount of the 140S-Component of FMD Virus. Translated from Russian: *Veterinariya, Moskva*, no. 10: 43-45, 1978. Trans. No. 28036. TT 80-53561/01.

Valette, L. Serologic Diagnosis of Brucellosis in Human and Animal Medicine. Translated from French: *Maroc. Med.*, vol. 55(586): 11-14, 1975. Trans. No. 28057. TT 80-59275.

Venturoli, F. Contribution to Study on the Resistance of Aujeszky Virus under the Effects of Some Disinfectants. Translated from Italian: *Ann. Fac. Med. Vet. Torino*, vol. 22: 233-240, 1975. Trans. No. 28000. TT 80-55146.

Wisniewski, J. Aerogenic-Transport of Foot-and-Mouth Disease Virus. Translated from Polish: *Medycyna weterynaryjna*, vol. 34(7): 407-411, 1978. Trans. No. 27988. TT 80-53089.

Zanche, C. Effects of the Tire Deformation on the Tractor Transversal Stability Articulated Tractor. Translated from Italian: *Istituto di Meccanica Agraria*, vol. 6(3): 119-126, 1975. Trans. No. 27970. TT 78-53344.



LATIN AMERICAN MICROFILM

The Inter-American Institute for Cooperation on Agriculture began microfilming June 1981 the non-conventional documents produced in Latin America and the Caribbean that are received at CIDIA's libraries (San Jose and Turrialba) and registered in the *Indice Agricola de America Latina y el Caribe*.

For further information contact:

IICA - CIDIA
Division de Servicios de Informacion
Apartado 55
2200 Coronado, Costa Rica



TWENTIETH CENTURY AGRICULTURAL SCIENCE

A SYMPOSIUM

NATIONAL 4-H CENTER

Wednesday, October 20

The Utility of Information in Agricultural Research, Its Economic Impact, and the Role of Communications Media

MORNING SESSION

*Utility and Impact of Information on
Agricultural Research*

Dr. Orville G. Bentley
Dean, College of Agriculture
University of Illinois

*Beltsville Agricultural Research Center
Today: Progress and Commitment*

Dr. Paul Putnam
Director, Beltsville Agricultural
Research Center

*USDA Scientists: Selected Profiles,
Challenges, and Achievements*

Dr. Wayne D. Rasmussen
Historian, USDA

*Underinvestment in Agricultural Research
and Man Made Famines*

Dr. William Dando
Senior Scholar, The Chinese
University of Hong Kong

*Public Support for Agricultural Science:
Evolution and Trends*

Dr. James H. Shideler
Editor, Agricultural History
Journal

Economic Benefits from Research

Dr. Robert E. Evenson
Professor, Dept. of Economics,
Economic Growth Center, Yale Univ.

AFTERNOON SESSION

*Meeting U.S. Agriculture's Needs for
Scientific Support and Comprehensiveness:
Role of State Agricultural Experiment
Stations and Land-Grant Universities*

Dr. Keith A. Huston
Director-at-Large, North Central
Agricultural Experiment Station
Directors, Ohio Agricultural
Research and Development Center

*Experimental Farms: Research and Services
in Canada, 1886-1986*

Mr. J. W. Morrison
Director, General Institutes,
Agriculture Canada

*The Hidden Obstacles to Creativity in
Agricultural Research*

Dr. Stanislaus Dundon
Center for the Study of Values,
University of Delaware

*Agricultural Journalism and the Diffusion
of Scientific Knowledge in Twentieth
Century America*

Dr. John T. Schiebeck
Curator, Division of Extractive
Industries, National Museum of
American History, Smithsonian
Institution

*The Role of Radio and Television in
Communicating Agricultural Scientific
Knowledge*

Mr. Layne Beatty
Former Chief of USDA Radio and TV

DINNER AT THE NATIONAL AGRICULTURAL LIBRARY

Changing Research Economics

Dr. Robert Clodius
Executive Director, National
Association of State Universities
and Land-Grant Colleges

DISCOVERY USE PRESERVATION

OCTOBER 20-22, 1982

CHEVY CHASE, MARYLAND

Thursday, October 21

Specialized Subjects and the Use and Accessibility of Information About These Areas

MORNING SESSION

Soil Conservation Service Research and Development Needs and Utilization of Information by SCS

Dr. Ralph McCracken
Deputy Chief, Natural Resource Assessments, Soil Conservation Service, USDA

The Fight for Wilderness Legislation

Dr. Dennis R. Roth
Historian, U.S. Forest Service, USDA

The XIT Ranch: A British Agricultural Experiment Station on the Southern High Plains

Dr. William M. Holmes
Department of Geography
North Texas State University

The Utility of Plant Exploration

Dr. J. R. Harlan
Professor, Plant Studies
University of Illinois

Plant Germplasm Resources

Dr. Quentin Jones
Germplasm Program Coordinator
National Program Staff,
Agricultural Research Service, USDA

LUNCH

Data Banks in R&D: Future Directions and Perspectives

Dr. Martin Rogoff
Program Analysis and Coordination Staff, Agricultural Research Service, USDA

AFTERNOON SESSION

Agricultural Computations and Libraries

Mr. Stephen M. Welch
Kansas State University

Future of Computers in American Agriculture and the Relationship to Libraries

Dr. Robert C. Kramer
Executive Director, Kellogg Foundation

DINNER AT THE NATIONAL AGRICULTURAL LIBRARY

The Rockefeller Foundation and Achievements in Agricultural Science

Dr. John S. McKelvey, Jr.
Associate Director for Agricultural Science, Rockefeller Foundation

Friday, October 22

Current Cooperative Efforts with the Land-Grant and Cooperating Forestry Institution Libraries

MORNING SESSION

Report of the Blue Ribbon Panel on the National Agricultural Library

Fees for Service

Dr. Eldred Smith
Director, University of Minnesota Libraries

Structure for Cooperation Among Agricultural Information Centers

LUNCH

Presentation on State-of-NAL

AFTERNOON: CONCURRENT TECHNICAL SESSIONS

1. *Developing and Sharing Machine Readable Files*
2. *Electronic Delivery of Information*
3. *Current Awareness Services and Document Delivery*



NEW BIBLIOGRAPHIES

Andre & Francois - Andre Michaux. Ian MacPhail. Lisle, IL, The Morton Arboretum, 1981. 35 p. (The Sterling Morton Library Bibliographies in Botany and Horticulture No. 1). 25 citations. Price unavailable. Order from Publisher. (NAL call no.: Z5352.M3).

Annotated Bibliography of Land Evaluation. G.P. Laughlin, J.J. Basinski and K.D. Cocks. Melbourne, Australia, Commonwealth Scientific and Industrial Research Organization, 1981. 81 p. (Technical Paper No. 42). Price unavailable. Order from Publisher. (NAL call no.: 23 AU7324 No. 42).

Annotated Bibliography of Research on the Hog-Pork Industry. J.A. Brandt and M. Roth. West Lafayette, Department of Agricultural Economics, Agricultural Experiment Station, Purdue University, October 1980. 136 p. Price unavailable. Order from Publisher. (NAL call no.: HD1775.1615).

A Bibliography of Oregon Mammalogy. Leslie N. Carraway and B.J. Verts. Corvallis, Agricultural Experiment Station, Oregon State University, 1982. 47 p. 1,919 citations. (Oregon, Agricultural Experiment Station. Special Report 644). Free. Order from Publisher. (NAL call no.: 100 OR3M No. 644).

Cattle Breed and Meat Quality (Jan. 72-Sep. 81): Citations from the Food Science and Technology Abstracts Data Base. Springfield, VA, NTIS, 1981. 102 leaves in various foliations. Price unavailable. Order from NTIS, Springfield, VA 22161. (NAL call no.: Z5074.C33C3).

Comprehensive Bibliography of Drying References Covering Bulletins, Booklets, Books, Chapters,

Bibliographies. Carl W. Hall. St. Joseph, MI, American Society of Agricultural Engineers, 1980. 85 p. (ASAE Publication No. 3-80). Approx. 1,742 citations. Price unavailable. Order from ASAE, St. Joseph, MI 49085. (NAL call no.: Z7914.D8H3).

Flora and Fauna of Localities: A Bibliography of Books and Articles Dealing with the Plant and Animal Life of Specific Countries and Regions of the World. Dorothy Huckin. Caldecote, Eng., Clover Pub., 1981. 2 v. Approx. 2,950 citations. Price unavailable. Order from Publisher, 8 Ashley Drive, Caldecote, Beggleswade, Beds. SG18 9DJ, England. (NAL call no.: Z5351.H8).

Guide to Agricultural Information Sources in Asia and Oceania. G.R.T. Levick. The Hague, Netherlands, Federation Internationale de Documentation (FID), 1980. 72 p. (FID Publication 592). 172 citations. Price unavailable. Order from Publisher. (NAL call no.: Z5075.A76G84).

Lysosomes (January 1976 - December 1981): Citations from the Energy Data Base. Springfield, VA, National Technical Information Service, 1981. 1 v. (Various Pagings). 101 citations. Price code PC N01 MF N01. Order from NTIS, Springfield, VA 22161. (NAL call no.: Z5322.C3L9).

Newly Discovered Prokaryotic Plant Pathogens: A Bibliography Supplement to R2901. Eleanor Elmendorf. Madison, Research Division, College of Agricultural and Life Sciences, University of Wisconsin, 1981. 172 p. (Research Bulletin 2901-1). Price unavailable. Order from Publisher. (NAL call no.: 100 W75(2) No. R2901-1).

Peatland Ecology in the British Isles: A Bibliography. E.M. Field and D.A. Goode. Banbury, England, Institute of Terrestrial Ecology and Nature Conservancy Council, 1981. 178 p. Price 4.00. Order from the Nature Conservancy Council, Information and Library Services, Calthorpe House, Calthorpe St., Banbury, Oxfordshire OX16 8EX England. ISBN: 0861391187. (NAL call no.: Z6915.F5).

Spruce Budworms Bibliography. Supplement. Daniel T. Jennings. Orono, School of

Forest Resources, University of Maine, 1981. 139 p. (Maine. Life Sciences and Agricultural Experiment Station. Miscellaneous Report 255). 698 citations. Price unavailable. Order from Publisher. (NAL call no.: 100 M28M No. 255).

Synthetic Foods, 1964 - September 1981: A Bibliography with Abstracts.

Springfield, VA, National Technical Information Service, 1981. 1 v. (Various pagings). 96 citations. Price code: PC N01/MF N01. Order from NTIS, Springfield, VA 22161. (NAL call no.: Z7914.F63S95).

Toxicity of Gaseous Halogenated Organic Compounds, July 1978 - October 1981: A Bibliography with Abstracts.

Springfield, VA, National Technical Information Service, 1981. 1 v. (Various Pagings). Price unavailable. Order from NTIS, Springfield, VA 22161. (NAL call no.: Z5524.08T6).

The Use of Seaweed by the Food Industry (Jan. 72 - Sep. 81): Citations from the Food Science and Technology Abstracts Data Base. New England Research Application Center.

Springfield, VA, NTIS, 1981. 195 leaves in various foliations. 207 citations. Price code: PC N01 MF N01. Order from NTIS, Springfield, VA 22161. (NAL call no.: Z5973.M3U7).



CORRECTION

The May issue of *ALIN* erroneously stated that the *Index Catalogue of Medical and Veterinary Zoology* will be compiled by NAL beginning with the 25th issue. The staff of the Animal Parasitology Institute will continue to compile the information to be published in the *Index*. Magnetic tapes will be provided by NAL to National Technical Information Service, Springfield, VA.

JOB VACANCIES

Head of Public Services, Albert R. Mann Library, Cornell University Libraries, Ithaca, NY 14853. \$25,000 +, depending on qualifications and experience.

Responsibilities: Administer the public services areas which include reference, interlibrary services, circulation, reserve, and the Entomology Library. Participate in Reference Desk service. Evaluate continuously the effectiveness of the public services offered; organize and implement appropriate changes. Develop and maintain a systematic public relations program. Implement automation of processes in public services. Supervise 7 librarians, 14 support staff

Associate Librarian, Albert R. Mann Library, Cornell University Libraries, Ithaca, NY 14853. \$30,000 +, depending on qualifications and experience.

Responsibilities: Overall operation of the Library in the absence of the Mann Librarian. Direction of internal personnel operations, including interviewing, hiring, classification, evaluation, training, staff development, counseling. Management of space and facilities, including building rehabilitation and expansion over the next several years. Coordination of computer applications throughout library operations. Management of collection development and preservation, including special collections, printed materials, computerized information and other alternative information media.

Closing date for applications October 12, 1982. Apply to:

Carolyn Phytilla
Personnel Director
235 Olin Library
Cornell University Libraries
Ithaca, NY 14853



QUICK BIBLIOGRAPHY SERIES

The bibliographies in this series are primarily computerized online or batch bibliographies emanating from searches performed by the NAL Reference Staff in response to customer requests.

Searches are selected for inclusion based on the currency of the topic, interest among clientele, relative length and probable value to a larger audience. All titles in this series will be listed for six months. Revisions or updates will be renumbered and reannounced. Only one copy of a title will be sent; however, requestors may make copies. To request a copy of a Quick Bibliography send the title, series number, and a return addressed label to:

Reference Branch, Room 111
National Agricultural Library
Beltsville, MD 20705

NAL--Q.B.--82-04. *Fluid Drill Planting, 1974-1982*. 35 citations from AGRICOLA. Searched by Jayne T. MacLean. April 1982.

NAL--Q.B.--82-05. *Mini and Micro Computers in Agriculture, 1972-1981*. 171 citations from AGRICOLA. Searched by Maria Pisa. April 1982.

NAL--Q.B.--82-06. *Earthworms: Raising, Uses, Beneficial Aspects, 1978-1981*. 97 citations from AGRICOLA. Searched by J. Rafats. April 1982. Supersedes 80-14.

NAL--Q.B.--82-07. *Cereal Straw: A Neglected By-Product, 1970-1982*. 215 citations from AGRICOLA. Searched by Henry Gilbert. April 1982.

NAL--Q.B.--82-08. *Drip and Trickle Irrigation, 1979-1981*. 217 citations from AGRICOLA. Searched by Jayne T. MacLean. April 1982.

NAL--Q.B.--82-09. *Library Automation Bibliography, 1969-1981*. 96 citations from AGRICOLA. Searched by Charles Bebee. May 1982.

NAL--Q.B.--82-10. *The Neem Tree (Azadirachta Indica): An Inhibitor of Insect Feeding and Growth, 1967-1981*. 147 citations from AGRICOLA. Searched by Henry Gilbert. May 1982.

NAL--Q.B.--82-11. *Christmas Tree Production, 1978-1981*. 137 citations from AGRICOLA. Searched by Jerry Rafats. May 1982. Supersedes 79-36.

NAL--Q.B.--82-12. *Grain Fumigation and Fumigants*. 146 citations from AGRICOLA. Searched by Jayne T. MacLean. May 1982.

NAL--Q.B.--82-13. *Sewage and Municipal Waste Composting, January 1979-April 1982*. 61 citations from AGRICOLA. Searched by Jayne T. MacLean. May 1982.

NAL--Q.B.--82-14. *Composts and Composting of Organic Wastes, November 1980-April 1982*. 98 citations from AGRICOLA. Searched by Jayne T. MacLean. May 1982. Supersedes 80-34.

NAL--Q.B.--82-15. *Irrigation Scheduling and Modelling, 1979-1981*. 154 citations from AGRICOLA. Searched by Jayne T. MacLean. June 1982. Supersedes 80-05.

NAL--Q.B.--82-16. *Gypsy Moth: Biological Control, 1970-1981*. 274 citations from AGRICOLA. Searched by Jayne T. MacLean. June 1982.

NAL--Q.B.--82-17. *The Imported Fire Ant, 1970-1982*. 274 citations from AGRICOLA. Searched by Jayne T. MacLean. June 1982.

NAL--Q.B.--82-18. *The 1980's Outlook for U.S. and Global Agricultural Production*. 222 citations from AGRICOLA. Searched by Mary E. Lassanyi. July 1982.

NAL--Q.B.--82-19. *Minimum/Zero/Conservation Tillage*. 270 citations from AGRICOLA. Searched by Jayne T. MacLean. July 1982.

NAL--Q.B.--82-20. *Remote Sensing: Applications for Agriculture, 1978-May 1982*. 250 citations from AGRICOLA. Searched by Maria Pisa. July 1982.

NAL--Q.B.--82-21. *Computer Assisted Instruction for Agriculture, 1970-1982*. 154 citations from AGRICOLA. Searched by Maria Pisa. August 1982.





NEW PUBLICATIONS OF NOTE

Order from NPCA, 8510 Leesburg Pike, Suite 110, Vienna, VA 22180.

Use of Crop Canopy-Air Temperature Difference for Irrigation Scheduling. Kurt M. Geiser. Minnesota, University of Minnesota, 1981. 49 p. \$5.00. Order from Publisher.



The Collection and Preservation of Animal Parasites. Compiled by Mary Hanson Pritchard and Gunther O.W. Kruse. Nebraska, University of Nebraska, 1982. Price unavailable. Order from Publisher. ISBN: 0803287046.

Opportunities in Times of Crisis. Proceedings of Annual Meeting of American Society of Agricultural Consultants. Kansas City, MO, October 8-9, 1980. McLean, VA, 1981. 158 p. \$20.00. Order from the Society, 8301 Greensboro Drive, Suite 470, McLean, VA 22102.

Resource Conservation Directory. 3rd ed. Ankeny, Iowa, Soil Conservation Society of America, 1982. 193 p. \$7; \$6 for SCSA members, postpaid. Order from SCSA, 7515 Northeast Ankeny Road, Ankeny, Iowa 50021.

Scientific Policy, Research and Development in Canada. J.D. Babbitt. Ottawa, Ontario, Publications Section Canada Institute for Scientific and Technical Information, 1981. (NRC No. 19945). \$5.00. Order from Publisher.

Solar Energy Applications to Dwellings: Proceedings of the ED Contractors' Meeting, Held in Kavouri, Greece, November 11-13, 1981. W. Palz. Dordrecht, Holland, D. Reidel Pub. Co. for the Commission of the European Communities, Hingham, MA. Sold and distributed in the U.S. and Canada by Kluwer Boston, 1982. 1 v. (Solar energy R&D in the European community. Series A; v. 1). \$35.00. Order from Publisher. ISBN: 9027713723.

The Structural Pest Control Industry: Description and Impact on the Nation. Vienna, VA, National Pest Control Association, 1981. 26 p. \$25.00.

Research for Small Farms: Proceedings of the Special Symposium. Howard W. Kerr, Jr., and Lloyd Knutson, editors. (Beltsville, MD, U.S. Department of Agriculture, Agricultural Research Service, 1982). 301 p. (Miscellaneous Publication 1422). \$7.50; \$9.40 foreign. Order from Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

These invited papers were presented at a symposium held November 15-18, 1981, at the Beltsville Agricultural Research Center, Beltsville, MD 20705. This publication is one of the end products of the recent concerted efforts by USDA and many others to improve the small farm segment of the agricultural community.

Comments regarding this publication are solicited, as well as thoughts in general, about small-scale and/or parttime agriculture. Only by developing and maintaining good rapport among all interested parties can we continue to improve research for limited resource agriculture. Please correspond with Howard W. Kerr, Jr. (NER Coordinator, Small Farms Research) or telephone him at 301-344-3087.



AGRICULTURE DATEBOOK

October 11-15: *Fifth International Conference on Jojoba and Its Uses.*

Tucson, University of Arizona. Contact: Conference Department, Division of Continuing Education, University of Arizona, 1717 East Speedway, Suite 1201, Tucson, AZ 85719.

October 20-22: *Symposium on Twentieth Century Agricultural Science: Discovery, Use and Preservation.* Beltsville, MD. Contact: Alan Fusonie or Leila Moran, National Agricultural Library, Beltsville, MD 20705. Tel: (301) 344-3937.

October 25-28: *Acid Precipitation, the North American Challenge.* Burlington, VT, Ramada Inn. Sponsored by the New Hampshire-Vermont and Ontario Chapters, Soil Conservation Society of America. Contact the Chapter SCSA, P.O. Box 77, Essex Junction, VT 05452.

Oct. 31-Nov. 4: *National Association of Extension 4-H Agents.* Baltimore, MD. Baltimore Hilton. Contact: Allen Ulrich, Sec., 1401 Walter Avenue, Fremont, OH 43420.

November 7-12: *U.S. Animal Health Association.* Nashville, TN. Radisson Plaza. Contact: J.C. Shook, Exec. Sec., 6924 Lakeside Avenue, Suite 205, Richmond, VA 23228.

November 14-17: *North American Symposium on Allelopathy.* University of Illinois, Urbana-Champaign campus. Contact: A.R. Gilmore, Department of Forestry, c/o Carol Holden, University of Illinois, Conferences and Institutes, 116 Illini Hall, 725 S. Wright Street, Champaign, IL 61820.

November 21-23: *Farming Systems Symposium.* Manhattan, KS. Kansas State University. Contact: Wendy J.

Sheppard, Project Coordinator, International Agricultural Programs, Office of the Director, Waters Hall, Manhattan, KS 66506.

December 6-10: *National Farmers Organization.* Louisville, KY. Contact: Devon R. Woodland, Pres., 720 Davis Avenue, Corning, IA 50841.

December 6-10: *International Conference on Chemistry and World Food Supplies--The New Frontier (CHEMRAWN II).* Manila, Philippines. Contact: Joyce Torio, CHEMRAWN II Coordinating Office, International Food Policy Research Institute, 1776 Massachusetts Avenue, N.W., Washington, D.C. 20036.

December 7-9: *Sixth International Online Information Meeting.* London, England. Contact: Organizing Secretary, Online Information Meetings, Online Review, Learned Information, Besselsleigh Road, Abingdon, Oxford OX13 6LG, England. Tel: 0865-730275; Telex: 837704.

December 13-14: *Fourth National Drainage Symposium.* Contact: Darrell W. DeBoer, Program Chairman, Department of Agricultural Engineering, South Dakota State University, Brookings, SD 57007. Tel: (605) 688-5141.

December 13-15: *Infrastructure of an Information Society.* Co-hosted by Egyptian Society for Information Technology and American Society for Information Science. Cairo, Egypt. Contact: Dr. Bahaa El-Hadidy, ESIT/ ASIS Conference Co-Chairman, Graduate School of Library and Information Science, The Catholic University of America, Washington, D.C. 20064. Tel: (202) 635-5702 or 635-5085.



AGRICULTURAL LIBRARIES INFORMATION NOTES provides a channel of communication to technical information specialists, librarians, extension workers, researchers, and scientists on agricultural information activities. It is published monthly by the U.S. Department of Agriculture, National Agricultural Library, Beltsville, MD 20705. Leila Moran, Editor.

SYMPOSIUM SITE

Meetings will be held at the National 4-H Center, 7100 Connecticut Avenue, Chevy Chase, MD 20015.

The National Agricultural Library Building is located at 10301 Baltimore Blvd., Beltsville, MD 20705

FOR FURTHER INFORMATION CONTACT THE SYMPOSIUM COORDINATORS

Dr. Alan Fusonie
National Agricultural Library
Room 301
Beltsville, MD 20705
telephone (301) 344-3876

or

Ms. Leila Moran
National Agricultural Library
Room 1402
Beltsville, MD 20705
telephone (301) 344-3937

HOUSING

A block of twin bedrooms with private bathrooms are being held for symposium attendees at the National 4-H Center, 7100 Connecticut Ave., Chevy Chase, MD 20015.

Singles--\$38.45 per
person, per night

Doubles--\$32.45 per
person, per night

Room reservations must be made through the Associates NAL, Inc. Please indicate your preference on the attached registration form.

Registrants will pay their own housing expenses directly to the National 4-H Center before departure.

TOURS

A tour of the Agriculture Research Center is scheduled for October 20, 1982, 12:05-1:30 p.m. A box lunch will be provided.

A self-guided audio walking tour of the public service areas of the National Agricultural Library facility will be available to conference attendees during cocktail hours on Thursday, October 21.

Special showings of a videotape "The Information Cycle" will be scheduled in the NAL Lobby Reception Area.

RETURN
BY SEPTEMBER 16

TWENTIETH CENTURY AGRICULTURAL SCIENCE SYMPOSIUM

Advance Registration Form

(Please print or type)

Mr., Mrs.
Name: Miss, Ms

Your institution or other affiliation:

Address:

City, State, Zip:

Telephone No.:

(Business)

(Home)

Please return this form to: ASSOCIATES NAL, INC.

NAL Bldg., Room 1402, Beltsville, MD 20705

Registration (Return by September 16)

Please check days and events you are attending:

Full Symposium (\$45.00)* _____
(does *not* include meals)

Partial attendance
October 20 (\$15.00) _____
October 21 (\$15.00) _____
October 22 (\$15.00) _____

October 20
Box Lunch Tour (\$5.00) _____
Dinner with Speaker Nat'l.
Agric. Lib. (\$25.00) _____

October 21
Buffet Lunch w/speaker
Nat'l. 4-H Center (\$10.00) _____
Dinner with Speaker Nat'l
4-H Center (\$15.00) _____

October 22
Lunch Nat'l. 4-H Center (\$10.00) _____

**Make Registration Check Payable to
Associates NAL, Inc.**

Amount Enclosed _____

Housing Reservation (Deadline OCTOBER 1) National 4-H Center

_____ Single No. of nights _____
@ \$38.45

_____ Double No. of nights _____
@ \$32.45

Registrants may check in to the National 4-H Center on Tuesday, October 19 after 3 p.m. Departure must be no later than 11 a.m., Saturday, October 23.

Arrival Date _____

Departure Date _____

Would you be willing to share a room? _____

Individuals will pay their own housing expenses before leaving the National 4-H Center.

*Rate for members of Associates NAL Inc. is \$35.00.